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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,321	03/12/2004	Issam Jabaji	1001	2225

42938 7590 03/22/2006

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EXAMINER

DEBERADINIS, ROBERT L

ART UNIT	PAPER NUMBER
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2836

DATE MAILED: 03/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/800,321

Applicant(s)

JABAJI ET AL.



Examiner

Robert DeBeradinis

Art Unit

2836

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 February 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-69 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 8-12, 15-17, 20-22, 25-27, 30, 31, 33, 34, 39-41, 44-49, 52-55, 58-61 and 64-67 is/are rejected.
- 7) ☒ Claim(s) 4-7, 13, 14, 18, 19, 23, 24, 28, 29, 32, 35-38, 42, 43, 50, 51, 56, 57, 62, 63, 68 and 69 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/21/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1, 8, 9, 10, 15, 20, 25, 30, 39, 40, 41, 44, 46, 47, 48, 49, 52, 55, 58, 61, 64, 67 are rejected under 35 U.S.C. 102(b) as being anticipated by POTEGA 6,459,175.

Regarding claims 1, 10, 15, 20, 25, 30, 41, 44, 46, 47, 48, 49, 52, 55, 58, 61, 64, 67.

POTEGA discloses a system for controlling and distributing electrical energy in a vehicle electrical system, comprising: a generator (1); an electrical load (12); a stored energy source (5); and a control device monitoring electrical signals generated by the generator, electrical load, and stored energy source, and processing the electrical signals to ascertain electrical signatures, and selectively connecting or disconnecting the generator, electrical load, or stored energy source, or any combination thereof, with the vehicle electrical system when said electrical signatures have been verified (abstract, col. 25).

Regarding claims 8, 9, 39, 40.

POTEGA discloses the system of claim 1 further comprising means for generating a status signal in response to connection or disconnection of a generator, electrical load, or stored energy source with the vehicle electrical system (col. 26, lines 58-67, col. 27, lines 1-7).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2, 3, 11, 12, 16, 17, 21, 22, 26, 27, 31, 33, 34, 45, 53, 54, 59, 60, 65, 66 are rejected under 35 U.S.C. 103(a) as being unpatentable over POTEGA 6,459,175 in view of BINGLEY 6,493,248.

Regarding claims 2, 3, 11, 12, 16, 17, 21, 22, 26, 27, 31, 33, 34, 45, 53, 59, 60, 65, 66.

POTEGA discloses the system of claim 1 wherein the control device comprises means for sensing amplitude of electrical signals generated by said electrical load and stored energy source in the electrical system.

POTEGA does not disclose means for sensing a frequency of said generator.

BINGLEY discloses means for sensing frequency from generator (6) for controlling frequency to load (3).

It would have been obvious to one having ordinary skill in the art at the time of this invention to modify the sensing means of the universal power supply disclosed by POTEGA to sense the generator frequency. The motivation to sense the generator frequency would have been to control the frequency to a load.

Allowable Subject Matter

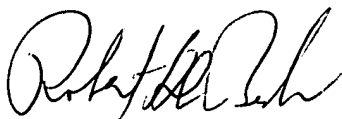
Claims 4-7,13,14,18,19, 23, 24, 28, 29, 32, 35, 36, 37, 38, 42, 43, 50, 51, 56, 57, 62, 63, 68, 69 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication should be directed to Robert L. DeBeradinis whose number is (571) 272-2049. The Examiner can normally be reached Monday-Friday from 8:30 am to 5:00 pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Brian Sircus, can be reached on (571) 272-2058. The Fax phone number for this Group is (703) 872-9306.

RLD

MARCH 15, 2006

A handwritten signature in black ink, appearing to read 'Robert L. DeBeradinis', written in a cursive style.

**ROBERT L. DEBERADINIS
PRIMARY EXAMINER**